



Docket No.: 3749-0111PUS1
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Yasuhiro NISHIDA et al.

Application No.: 10/579,338

Confirmation No.: 1932

Filed: May 15, 2006

Art Unit: 1651

For: NOVEL CAROTENOID HYDROXYLASE
GENE, METHOD FOR PREPARING
HYDROXYLATED CAROTENOID, AND
NOVEL GERANYLGERANYL
PYROPHOSPHATE SYNTHASE

Examiner: Not Yet Assigned

**RESPONSE TO NOTIFICATION TO COMPLY WITH REQUIREMENTS FOR
PATENT APPLICATIONS CONTAINING NUCLEOTIDE AND/OR AMINO ACID
SEQUENCE DISCLOSURES**

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

INTRODUCTORY COMMENTS

In response to the Notification to Comply with Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures mailed January 5, 2007, the following amendments and remarks are respectfully submitted in connection with the above-identified application.

This Reply includes:

- Amendments** to the Specification begin on page 2 of this paper.
- Amendments** to the Sequence Listing begin on page 4 of this paper.
- Remarks/Arguments** begin on page 5 of this paper.
- An Appendix** including the paper and CRF disk copy of the Sequence Listing is attached following page 6 of this paper.